

Recombinant Mouse Ptp4a2 Protein, Myc/DDK-tagged

Cat. No. Ptp4a2-5231M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein tyrosine phosphatase 4a2 (Ptp4a2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Protein tyrosine phosphatase which stimulates progression from G1 into S phase during mitosis. Inhibits geranylgeranyl transferase type II activity by blocking the association between RABGGTA and RABGGTB.
Molecular Mass	19.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Ptp4a2 protein tyrosine phosphatase 4a2 [Mus musculus (house mouse)]
Official Symbol	Ptp4a2
Synonyms	PTP4A2; protein tyrosine phosphatase 4a2; protein tyrosine phosphatase type IVA 2; protein-tyrosine phosphatase 4a2; protein-tyrosine phosphatase of regenerating liver 2; Prl-2; MGC102154; MGC103400
Gene ID	19244
mRNA Refseq	NM_008974
Protein Refseq	NP_033000
UniProt ID	O70274

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